

ABSTRACT

Improved film-forming skin protectant compositions are provided which are capable of forming a long-lasting elastic barrier film when applied to skin; the compositions have particular utility as barrier teat dips, for protecting cows against mastitis, especially during their susceptible non-lactating periods. The compositions include a film-forming component (preferably a mixture of polyether polyurethane and nitrocellulose) dispersed in a compatible carrier and further having a quantity of a tackifier resin incorporated therein in order to increase the time of adherence of the composition to skin, as compared with an otherwise identical composition without a tackifier resin. The compositions may also include a germicide (e.g., chlorhexidine diacetate), and a coloring dye.